



Office of River Protection

Pre-Solicitation/Public Meeting

Acquisition of Design and Construction of the Hanford
Waste Treatment and Immobilization Plant

Wednesday, June 7, 2000

3:00 - 7:00 PM

Federal Building Auditorium

Presentation Contents



- Pre-Solicitation Meeting Objectives
- Department Decision on River Protection Project (RPP) Privatization
- New Source Selection for Hanford Waste Treatment and Immobilization Plant
- What will DOE do prior to selection and award of the new contract(s)?
- How does DOE propose to maintain competition prior to the award of the new contract(s)?
- Acquisition Process

Pre-Solicitation Meeting Objectives



- Provide short summary of planned DOE actions
- Seek early input in the design of the acquisition approach - before the final acquisition plan and solicitation are prepared
- Invite open discussion, input, and questions from industry and the public

DOE will use the information from this meeting and the planned one-on-one meetings next week to finalize the design of the acquisition process

Department Decision on RPP Privatization



After completing a detailed review of the contract deliverables submitted in April 2000, DOE reached the following conclusions:

- Design and technology solution presented one possible solution that appeared to meet environmental compliance, mission performance, and waste disposal requirements, but has significant potential for optimization
- Business approach was unacceptably conservative, with significant and unsubstantiated growth in proposed prices
- Management and corporate capability to deliver the project was challenged by open questions on safety, quality, and project management capability

New Source Selection for Design and Construction of Hanford Waste Treatment and Immobilization Plant



DOE Objectives

- **Develop the critical treatment and immobilization facilities to remediate Hanford tank waste**
- **Establish a long-term relationship with best-in-class engineer-constructor(s) to deliver the treatment and immobilization plant**
- **Challenge the engineer-constructor(s) to develop a proposal that supports introduction of tank waste into the plant by 2007, and a proposal that optimizes mission performance**
- **Improve project management, cost effectiveness, and schedule performance**
- **Implement an effective integrated safety management approach**

What is DOE Buying?

- **Design, construction, and support to commissioning of all treatment and immobilization facilities**

New Source Selection for Design and Construction of Hanford Waste Treatment and Immobilization Plant



How is DOE considering buying these services?

- **Single contract for design, construction, and support to commissioning**
- **Single contract for design, construction management, and support to commissioning - may pre-qualify construction contractors in this procurement**
- **Multiple contracts for design, construction, and support to commissioning - on a facility basis**
- **Multiple contracts for design, construction management, and support to commissioning**
- **Multiple contracts for design with a construction option - once design has advanced - each contractor would propose on the construction phase**
- **Multiple contracts for design and construction management - with a technology demonstration phase for High-level Waste immobilization**

DOE wants your input on acquisition strategy - including solutions on packaging

What will DOE do prior to selection and award of the new contract(s)?



Near-term actions

- Establish interim contract to Bechtel National, Inc., to continue design with the current project design staff
- Establish interim contract(s) with key technology suppliers
- Assign CH2MHill Hanford Group responsibility for:
 - Operator requirements
 - Environmental Permitting
 - Nuclear Safety Authorization Basis

What will DOE do prior to selection and award of the new contract(s)?



Why proceed with interim contracts?

- Maintain value of existing design and technology investment
- Minimize impacts to project schedule
- Prevent adverse cycle of workforce reduction and growth - maintain design staff on ground with the knowledge of the current design - and make staff available to the successful offeror

DOE will not require the use of the current design and technology solution

How does DOE propose to maintain competition prior to the award of new contracts(s)?



- **Provide all prospective offerors the maximum possible and continuing access to the current design and technology solutions that have been developed under the RPP Privatization contract**
- **Provide all prospective offerors full access to DOE, independent engineer, and external review team evaluations of all work performed under the RPP Privatization contract**
- **Prevent any one prospective offeror from “locking up” key technology suppliers**
- **Establish and enforce specific organizational conflict of interest requirements on Bechtel National, Inc. during performance of the interim contract**

DOE wants your input on how to create an environment of full and open competition

Acquisition Process



Solicitation and Proposal:

- | | |
|--|----------------|
| ➤ Pre-Solicitation Conference | June 2000 |
| ➤ One-On-One Meetings | June 2000 |
| ➤ Issue draft Request for Proposals | July 2000 |
| ➤ Issue final Request for Proposals | August 2000 |
| ➤ Receive written proposal information | September 2000 |
| ➤ Complete oral presentations | October 2000 |

Award without discussions:

- | | |
|---|---------------|
| ➤ Select contractor(s) | November 2000 |
| ➤ Award new contracts/takeover ongoing work | December 2000 |

Acquisition Process



If discussions are required:

- | | |
|---|---------------|
| ➤ Complete discussions | December 2000 |
| ➤ Select contractor(s) | January 2001 |
| ➤ Award new contract(s)/takeover ongoing work | February 2001 |

DOE wants your input on the acquisition process and proposed schedule